

## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18
Stylesheet Version v18.0

Title of Invention

DEVICE AND METHOD FOR DETECTION AND IDENTIFICATION OF BIOLOGICAL AGENTS

Application Number:

10/614188

**Confirmation Number:** 

7745

First Named Applicant:

Richard Sutherland

Attorney Docket Number: SAIC0078

Search string:

( 4003629 or 3758186 or 3667946 or 3658526

or 3580655 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4003629	1977-01-18	Baues, et al.	]	350	96 C
$\sim$	2	3758186	1973-09-11	Brumm	· .	350	3.5
	3	3667946	1972-06-06	Sturdevant	] .	96	35.1
	- 4	3658526	1972-04-25	Haugh	]	96	27
M	5	3580655	1971-05-25	Leith, et al.	]	350	3.5

# Signature

Examiner Name	Date
1 < 1 < 1	12/2//05



## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

Title of Invention

DEVICE AND METHOD FOR DETECTION AND IDENTIFICATION OF BIOLOGICAL AGENTS

Application Number:

10/614188

Confirmation Number:

7745

First Named Applicant:

Richard Sutherland

Attorney Docket Number: SAIC0078

Search string:

( 5264950 or 5258008 or 5240636 or 5235445 or 5234447 or 5227906 or 5227859 or 5210630 or 5198912 or 5188638 or 5182180 or 5182665 or 5174276 or 5170925 or 5166813 or 5144690 or 5136666 or 5105298 or 5096282 or 5084203 or 5047040 or 5015249 or 5014709 or 5011624 or 5003386 or 4983176 or 4942102 or 4938568 or 4930674 or 4929240 or 4923269 or 4891152 or 4857425 or 4856876 or 4832424 or 4818070 or 4810063 or 4809713 or 4728547 or 4688900 or 4832424 or 4560249 or 4416540 or 4374371 or 4368736 or 4210132 or 4124947 or 4045124

or 4018228 or 4006963 ).pn.

### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5264950	1993-11-23	West, et al.		359	51
	2	5258008	1993-11-02	Wilk		606	219
	3.	5240636	1993-08-31	Doane, et al.		252	299.01
$\sim$	4	5235445	1993-08-10	Hirai, et al.		359	52
h	5	5234447	1993-08-10	Kaster, et al.		606	153
	6	5227906	1993-07-13	Tokumitsu		359	117
	7	5227859	1993-07-13	Leib, et al.		556	347
$\triangle$	- 8	5210630	1993-05-11	Heynderickx, et al.		359	106
	9 ر	5198912	1993-03-30	Ingwall, et al.		359	3
	10	5188638	1993-02-23	Tzakis		606	153
B.	11	5182180	1993-01-26	Gambogi, Jr., et al.		430	1

ســـــــــــــــــــــــــــــــــــــ	·	<u></u>	·	·	
$\sum$	12	5182665	1993-01-26	O'Callaghan, et al.	
M	13	5174276	1992-12-29	Crockard	
	14	5170925	1992-12-15	Madden, et al.	
	15	5166813	1992-11-24	Metz	
M	16	5144690	1992-09-01	Domash	
	17	5136666	1992-08-04	Anderson, et al.	
	18	5105298	1992-04-14	Schellenberg	
	19	5096282	1992-03-17	Margerum, et al.	
	20	5084203	1992-01-28	Sansone, et al.	
$\sim$	21	5047040	1991-09-10	Simpson, et al.	
	22	5015249	1991-05-14	Nakao, et al.	
	23	5014709	1991-05-14	Bjelkhagen, et al.	
	24	5011624	1991-04-30	Yamagishi, et al.	
M	- 25	5003386	1991-03-26	Doyle, et al.	
	26	4983176	1991-01-08	Cushman, et al.	
<b>S</b>	27	4942102	1990-07-17	Keys, et al.	
	28	4938568	1990-07-03	Margerum, et al.	
M	29	4930674	1990-06-05	Barak	
	30	4929240	1990-05-29	Kirsch, et al.	
	31	4923269	1990-05-08	Healey	
勽	32	4891152	1990-01-02	Miller, et al.	
	- 33	4857425	1989-08-15	Phillips	
	s 34	4856876	1989-08-15	Fergason	
M	, 35	4832424	1989-05-23	McGrew	
	36	4818070	1989-04-04	Gunjima, et al.	
<b>~</b>	- 37	4810063	1989-03-07	Fergason	
	38	4809713	1989-03-07	Grayzel	
	39	4728547	1988-03-01	Vaz, et al.	
	40	4688900	1987-08-25	Doane, et al.	
		<del>-4832424</del>	1007.06.16	Nishin di	
	42	4560249	1985-12-24	Nishiwaki, et al.	
	43	4416540	1983-11-22	Nicholson	
	44	4374371	1983-02-15	Narancic	
	45	4368736	1983-01-18	Kaster	
	46	4210132	1980-07-01	Perlin	
罓	47	4124947	1978-11-14	Kuhl, et al.	
$\sqcap$		·			

359	95
128	4
227	175
359	15
385	12
385	24
359	3
359	3
252	299.5
606	159
606	142
128	654
252	299.5
358	90
606	151
430	1
350	. 334
227	. 179
606	151
350	96.15
252	299.01
430	1
350	350 F
350	3.65
350	334
350	347 V
128	785
428	1
350	347 V
350	3.64
350	162.17
350	3.69
337	159
128	334 C
128	1 R
40	453

48	4045124	1977-08-30	Pollack, et al.	_	350	160 LC		
49	4018228	1977-04-19	Goosen	. ·	128	305		
50	4006963	1977-02-08	Baues, et al.	Ī	350	96 C		
Signature								
	Examine	er Name		Da	te			
	Jan	<b>-</b>	12	4	05			
		<u> </u>						

## ECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

DEVICE AND METHOD FOR DETECTION AND **IDENTIFICATION OF BIOLOGICAL AGENTS** 

**Application Number:** 

10/614188

Confirmation Number:

7745

First Named Applicant:

Richard Sutherland

Attorney Docket Number: SAIC0078

Search string:

( 6211976 or 6172778 or 6115152 or 5937115 or 5930011 or 5915051 or 5875012 or 5862214 or 5852504 or 5832148 or 5771320 or 5751452 or 5748272 or 5734485 or 5731853 or 5725970 or 5706375 or 5698343 or 5698134 or 5695682 or 5682214 or 5680233 or 5661577 or 5661533 or 5648857 or 5641426 or 5593615 or 5547786 or 5544268 or 5529861 or 5499118 or 5488681 or 5471326 or 5453338 or 5384067 or 5366462 or 5363228 or 5356557 or 5354498 or 5330486 or 5330264 or 5328800 or 5323251 or 5313317 or 5303322 or 5299289 or 5291317 or 5272550 or 5270843 or 5376095 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
M/	1	6211976	2001-04-03	Popovich, et al.	]	359	15
	2	6172778	2001-01-09	Reinhorn, et al.		359	15
	3	6115152	2000-09-05	Popovich, et al.	•	359	15
	4	5937115	1999-08-10	Domash		385	16
	5	5930011	1999-07-27	Gambogi, Jr., et al.		359	15
	6	5915051	1999-06-22	Damask, et al.		385	16
2	- 7	5875012	1999-02-23	Crawford, et al.		349	74
	8	5862214	1999-01-19	Aggus, et al.		379	435
	9	5852504	1998-12-22	Kato, et al.		359	9 .
	10	5832148	1998-11-03	Yariv		385	16
M	<del>-</del> 11	5771320	1998-06-23	Stone		385	16

15 5731853 1998-03-24 Taketomi, et al.  16 5725970 1998-03-10 Martin, et al.  17 5706375 1998-01-06 Mihailov, et al.  18 5698343 1997-12-16 Sutherland, et al.  19 5698134 1997-12-16 Jubb, et al.  20 5695682 1997-12-09 Doane, et al.  21 5682214 1997-10-28 Amako, et al.  22 5680233 1997-10-21 Faris, et al.  23 5661577 1997-08-26 Jenkins, et al.  24 5661533 1997-08-26 Wu, et al.  25 5648857 1997-07-15 Ando, et al.  26 5641426 1997-06-24 Nerad, et al.  27 5593615 1997-01-14 Nerad, et al.  28 5547786 1996-08-20 Brandstetter, et al.  29 5544268 1996-08-20 Brandstetter, et al.  30 5529861 1996-08-20 Brandstetter, et al.  31 5499118 1996-03-12 Wreede, et al.  32 5488681 1996-03-12 Wreede, et al.  33 5471326 1995-11-28 Hall, et al.  34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-08 DeJule, et al.  37 5363228 1994-11-08 DeJule, et al.  39 5354498 1994-10-11 Akashi, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Ando, et al.  42 532800 1994-07-19 Coates, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.					·
14 5734485 1998-03-31 Buchkremer, et al. 15 5731853 1998-03-24 Taketomi, et al. 16 5725970 1998-03-10 Martin, et al. 17 5706375 1998-01-06 Mihailov, et al. 18 5698343 1997-12-16 Sutherland, et al. 19 5698134 1997-12-16 Jubb, et al. 19 5698134 1997-12-16 Jubb, et al. 19 569214 1997-10-28 Arnako, et al. 19 5682214 1997-10-28 Arnako, et al. 19 5661577 1997-08-26 Jenkins, et al. 19 5648857 1997-08-26 Wu, et al. 19 5648857 1997-07-15 Ando, et al. 19 56941426 1997-08-26 Wu, et al. 19 56941426 1997-06-24 Nerad, et al. 19 593615 1997-01-14 Nerad, et al. 19 593615 1997-01-14 Nerad, et al. 19 593615 1996-08-20 Brandstetter, et al. 19 548881 1996-01-30 Deacon, et al. 19 5384067 1995-01-24 Doane, et al. 19 5384067 1995-01-24 Doane, et al. 19 5384067 1994-10-18 Jubb, et al. 19 530486 1994-10-18 Jubb, et al. 19 530486 1994-07-19 Wilk 19 530486 1994-07-19 Ando, et al. 19 530486 1994-07-19 Wilk 19 5303428 1994-07-19 Wilk 19 5303428 1994-07-19 Coates, et al. 19 5303322 1994-06-21 Coates, et al. 19 5303322 1994-06-21 Winston, et al. 19 5303322 1994-04-12 Winston, et al. 19 5303322 1994-04-12 Winston, et al. 19 5303322 1994-04-12 Winston, et al. 19 530346 1994-07-19 Winston, et al. 19 5303322 1994-04-12 Winston, et al. 19 530346 1994-07-19 Winston, et al. 19 530346 1994-07-19 Winston, et al. 19 5303322 1994-04-12 Winston, et al. 19 530346 1994-07-19 Winston, et al. 19 5303428 1994-03-29 Orae, et al. 19 5303429 1994-03-29		12	5751452	1998-05-12	Tanaka, et al.
15 5731853 1998-03-24 Taketomi, et al.  16 5725970 1998-03-10 Martin, et al.  17 5706375 1998-01-06 Mihailov, et al.  18 5698343 1997-12-16 Sutherland, et al.  19 5698134 1997-12-16 Jubb, et al.  20 5695682 1997-12-09 Doane, et al.  21 5682214 1997-10-28 Amako, et al.  22 5680233 1997-10-21 Faris, et al.  23 5661577 1997-08-26 Jenkins, et al.  24 5661533 1997-08-26 Wu, et al.  25 5648857 1997-07-15 Ando, et al.  26 5641426 1997-06-24 Nerad, et al.  27 5593615 1997-01-14 Nerad, et al.  28 5547786 1996-08-20 Brandstetter, et al.  29 5544268 1996-08-20 Brandstetter, et al.  30 5529861 1996-08-20 Brandstetter, et al.  31 5499118 1996-03-12 Wreede, et al.  32 5488681 1996-03-12 Wreede, et al.  33 5471326 1995-11-28 Hall, et al.  34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  37 5363228 1994-11-08 DeJule, et al.  39 5354498 1994-10-18 Jubb, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Wilk  42 5328800 1994-07-19 Ando, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-06-21 Coates, et al.  45 5303322 1994-04-12 Winston, et al.	M	13	5748272	1998-05-05	Tanaka, et al.
16 5725970 1998-03-10 Martin, et al.  17 5706375 1998-01-06 Mihailov, et al.  18 5698343 1997-12-16 Sutherland, et al.  19 5698134 1997-12-16 Jubb, et al.  20 5695682 1997-12-09 Doane, et al.  21 5682214 1997-10-28 Amako, et al.  22 5680233 1997-10-21 Faris, et al.  23 5661577 1997-08-26 Wu, et al.  24 5661533 1997-08-26 Wu, et al.  25 5648857 1997-07-15 Ando, et al.  26 5641426 1997-06-24 Nerad, et al.  27 5593615 1997-01-14 Nerad, et al.  28 5547786 1996-08-20 Brandstetter, et al.  29 5544268 1996-08-20 Brandstetter, et al.  30 5529861 1996-08-20 Brandstetter, et al.  31 5499118 1996-03-12 Wreede, et al.  32 5488681 1996-01-30 Deacon, et al.  33 5471326 1995-11-28 Hall, et al.  34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-08 DeJule, et al.  37 5363228 1994-10-18 Jubb, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Wilk  42 5328800 1994-07-19 Ando, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.  45 5303322 1994-04-12 Winston, et al.	$\sim$	14	5734485	1998-03-31	Buchkremer, et al.
17 5706375 1998-01-06 Mihailov, et al.  18 5698343 1997-12-16 Sutherland, et al.  19 5698134 1997-12-16 Jubb, et al.  20 5695682 1997-12-09 Doane, et al.  21 5682214 1997-10-28 Amako, et al.  22 5680233 1997-10-21 Faris, et al.  23 5661577 1997-08-26 Jenkins, et al.  24 5661533 1997-08-26 Wu, et al.  25 5648857 1997-07-15 Ando, et al.  26 5641426 1997-06-24 Nerad, et al.  27 5593615 1997-01-14 Nerad, et al.  28 5547786 1996-08-20 Brandstetter, et al.  29 5544268 1996-08-20 Brandstetter, et al.  30 5529861 1996-03-12 Wreede, et al.  31 5499118 1996-03-12 Wreede, et al.  32 5488681 1996-01-30 Deacon, et al.  33 5471326 1995-11-28 Hall, et al.  34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-02 Kaster, et al.  37 5363228 1994-11-08 DeJule, et al.  39 5354498 1994-10-11 Akashi, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Wilk  42 5328800 1994-07-12 Yokoya, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.  45 5303322 1994-04-12 Winston, et al.		15	5731853	1998-03-24	Taketomi, et al.
18 5698343 1997-12-16 Sutherland, et al  19 5698134 1997-12-16 Jubb, et al.  20 5695682 1997-12-09 Doane, et al.  21 5682214 1997-10-28 Amako, et al.  22 5680233 1997-10-21 Faris, et al.  23 5661577 1997-08-26 Jenkins, et al.  24 5661533 1997-08-26 Wu, et al.  25 5648857 1997-07-15 Ando, et al.  26 5641426 1997-06-24 Nerad, et al.  27 5593615 1997-01-14 Nerad, et al.  28 5547786 1996-08-20 Brandstetter, et al.  29 5544268 1996-08-06 Bischel, et al.  30 5529861 1996-06-25 Redfield  31 5499118 1996-03-12 Wreede, et al.  32 5488681 1996-01-30 Deacon, et al.  33 5471326 1995-11-28 Hall, et al.  34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-08 DeJule, et al.  37 5363228 1994-10-18 Jubb, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Wilk  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-06-21 Coates, et al.  45 5303322 1994-04-12 Winston, et al.		- 16	5725970	1998-03-10	Martin, et al.
19 5698134 1997-12-16 Jubb, et al. 20 5695682 1997-12-09 Doane, et al. 21 5682214 1997-10-28 Amako, et al. 22 5680233 1997-10-21 Faris, et al. 23 5661577 1997-08-26 Jenkins, et al. 24 5661533 1997-08-26 Wu, et al. 25 5648857 1997-07-15 Ando, et al. 26 5641426 1997-06-24 Nerad, et al. 27 5593615 1997-01-14 Nerad, et al. 28 5547786 1996-08-20 Brandstetter, et al. 29 5544268 1996-08-20 Brandstetter, et al. 29 5544268 1996-08-20 Brandstetter, et al. 29 5544268 1996-08-21 Wreede, et al. 29 31 5499118 1996-03-12 Wreede, et al. 31 5499118 1996-01-30 Deacon, et al. 32 5488681 1996-01-30 Deacon, et al. 33 5471326 1995-11-28 Hall, et al. 34 5453338 1995-09-26 Suga, et al. 35 5384067 1995-01-24 Doane, et al. 36 5366462 1994-11-02 Kaster, et al. 37 5363228 1994-10-18 Jubb, et al. 39 5354498 1994-10-11 Akashi, et al. 40 5330486 1994-07-19 Wilk 41 5330264 1994-07-19 Wilk 42 5328800 1994-07-19 Yokoya, et al. 43 5323251 1994-06-21 Coates, et al. 44 5313317 1994-06-21 Coates, et al. 45 5303322 1994-04-12 Winston, et al.		17	5706375	1998-01-06	Mihailov, et al.
№         20         5695682         1997-12-09         Doane, et al.           №         21         5682214         1997-10-28         Amako, et al.           №         22         5680233         1997-10-21         Faris, et al.           №         23         5661577         1997-08-26         Jenkins, et al.           №         24         5661533         1997-08-26         Wu, et al.           №         25         5648857         1997-07-15         Ando, et al.           №         26         5641426         1997-06-24         Nerad, et al.           №         26         5641426         1997-01-14         Nerad, et al.           №         27         5593615         1997-01-14         Nerad, et al.           №         28         5547786         1996-08-20         Brandstetter, et al.           №         30         5529861         1996-08-06         Bischel, et al.           №         31         5499118         1996-03-12         Wreede, et al.           №         32         548681         1996-01-30         Deacon, et al.           №         33         5471326         1995-01-24         Doane, et al.           №         34		18	5698343	1997-12-16	Sutherland, et al.
21         5682214         1997-10-28         Amako, et al.           W         22         5680233         1997-10-21         Faris, et al.           W         23         5661577         1997-08-26         Jenkins, et al.           W         24         5661533         1997-08-26         Wu, et al.           W         25         5648857         1997-07-15         Ando, et al.           W         26         5641426         1997-06-24         Nerad, et al.           W         27         5593615         1997-01-14         Nerad, et al.           W         28         5547786         1996-08-20         Brandstetter, et al.           W         29         5544268         1996-08-06         Bischel, et al.           W         30         5529861         1996-08-06         Bischel, et al.           W         31         5499118         1996-03-12         Wreede, et al.           W         32         5488681         1996-01-30         Deacon, et al.           W         33         5471326         1995-01-24         Doane, et al.           W         34         5453338         1995-01-24         Doane, et al.           W         35         5384		19	5698134	1997-12-16	Jubb, et al.
22         5680233         1997-10-21         Faris, et al.           23         5661577         1997-08-26         Jenkins, et al.           24         5661533         1997-08-26         Wu, et al.           25         5648857         1997-07-15         Ando, et al.           26         5641426         1997-06-24         Nerad, et al.           27         5593615         1997-01-14         Nerad, et al.           28         5547786         1996-08-20         Brandstetter, et al.           29         5544268         1996-08-20         Brandstetter, et al.           30         5529861         1996-08-25         Redfield           31         5499118         1996-03-12         Wreede, et al.           32         5488681         1996-01-30         Deacon, et al.           33         5471326         1995-01-28         Hall, et al.           34         5453338         1995-09-26         Suga, et al.           35         5384067         1995-01-24         Doane, et al.           36         5366462         1994-11-08         DeJule, et al.           39         5354498         1994-10-18         Jubb, et al.           40         5330486         199	7-	20	5695682	1997-12-09	Doane, et al.
№       23       5661577       1997-08-26       Jenkins, et al.         №       24       5661533       1997-08-26       Wu, et al.         №       25       5648857       1997-07-15       Ando, et al.         №       26       5641426       1997-06-24       Nerad, et al.         №       27       5593615       1997-01-14       Nerad, et al.         №       28       5547786       1996-08-20       Brandstetter, et al.         №       29       5544268       1996-08-06       Bischel, et al.         №       30       5529861       1996-06-25       Redfield         №       31       5499118       1996-03-12       Wreede, et al.         №       32       5488681       1996-01-30       Deacon, et al.         №       33       5471326       1995-11-28       Hall, et al.         №       34       5453338       1995-09-26       Suga, et al.         №       35       5384067       1995-01-24       Doane, et al.         №       36       5366462       1994-11-08       DeJule, et al.         №       37       5363228       1994-10-18       Jubb, et al.         №       39       <		21	5682214	1997-10-28	Amako, et al.
A         24         5661533         1997-08-26         Wu, et al.           A         25         5648857         1997-07-15         Ando, et al.           A         26         5641426         1997-06-24         Nerad, et al.           A         27         5593615         1997-01-14         Nerad, et al.           A         28         5547786         1996-08-20         Brandstetter, et al.           A         29         5544268         1996-08-06         Bischel, et al.           A         30         5529861         1996-06-25         Redfield           A         31         5499118         1996-03-12         Wreede, et al.           A         32         5488681         1996-01-30         Deacon, et al.           A         34         5453338         1995-01-28         Hall, et al.           A         34         5453338         1995-09-26         Suga, et al.           A         35         5384067         1995-01-24         Doane, et al.           A         36         5366462         1994-11-08         DeJule, et al.           A         38         5356557         1994-10-18         Jubb, et al.           A         39		22	5680233	1997-10-21	Faris, et al.
25   5648857   1997-07-15   Ando, et al.   26   5641426   1997-06-24   Nerad, et al.   27   5593615   1997-01-14   Nerad, et al.   28   5547786   1996-08-20   Brandstetter, et al.   29   5544268   1996-08-06   Bischel, et al.   30   5529861   1996-06-25   Redfield   31   5499118   1996-01-30   Deacon, et al.   32   5488681   1996-01-30   Deacon, et al.   33   5471326   1995-11-28   Hall, et al.   34   5453338   1995-09-26   Suga, et al.   35   5384067   1995-01-24   Doane, et al.   36   5366462   1994-11-22   Kaster, et al.   37   5363228   1994-11-08   DeJule, et al.   38   5356557   1994-10-18   Jubb, et al.   39   5354498   1994-07-19   Wilk   40   5330486   1994-07-19   Ando, et al.   41   5330264   1994-07-19   Yokoya, et al.   42   5328800   1994-07-12   Yokoya, et al.   43   5323251   1994-06-21   Coates, et al.   44   5313317   1994-06-21   Coates, et al.   45   5303322   1994-04-12   Winston, et al.   46   5299289   1994-03-29   Omae, et al.		23	5661577	1997-08-26	Jenkins, et al.
26   5641426   1997-06-24   Nerad, et al.   27   5593615   1997-01-14   Nerad, et al.   28   5547786   1996-08-20   Brandstetter, et al.   29   5544268   1996-08-06   Bischel, et al.   30   5529861   1996-06-25   Redfield   31   5499118   1996-03-12   Wreede, et al.   32   5488681   1996-01-30   Deacon, et al.   33   5471326   1995-11-28   Hall, et al.   34   5453338   1995-09-26   Suga, et al.   35   5384067   1995-01-24   Doane, et al.   36   5366462   1994-11-22   Kaster, et al.   37   5363228   1994-10-18   Jubb, et al.   39   5354498   1994-10-18   Jubb, et al.   39   5354498   1994-07-19   Wilk   41   5330264   1994-07-19   Wilk   41   5330264   1994-07-19   Vilk   42   5328800   1994-07-12   Yokoya, et al.   43   5323251   1994-06-21   Coates, et al.   44   5313317   1994-06-21   Coates, et al.   45   5303322   1994-04-12   Winston, et al.   46   5299289   1994-03-29   Omae, et al.		24	5661533	1997-08-26	. Wu, et al.
27         5593615         1997-01-14         Nerad, et al.           28         5547786         1996-08-20         Brandstetter, et al.           29         5544268         1996-08-06         Bischel, et al.           30         5529861         1996-06-25         Redfield           31         5499118         1996-03-12         Wreede, et al.           32         5488681         1996-01-30         Deacon, et al.           33         5471326         1995-11-28         Hall, et al.           34         5453338         1995-09-26         Suga, et al.           35         5384067         1995-01-24         Doane, et al.           36         5366462         1994-11-22         Kaster, et al.           37         5363228         1994-10-18         Jubb, et al.           39         5354498         1994-10-18         Jubb, et al.           40         5330486         1994-07-19         Wilk           41         5330264         1994-07-19         Ando, et al.           42         5328800         1994-07-12         Yokoya, et al.           43         5323251         1994-05-17         Saburi, et al.           44         5313317         1994-05-17		25 -	5648857	1997-07-15	Ando, et al.
28         5547786         1996-08-20         Brandstetter, et al.           29         5544268         1996-08-06         Bischel, et al.           30         5529861         1996-06-25         Redfield           31         5499118         1996-03-12         Wreede, et al.           32         5488681         1996-01-30         Deacon, et al.           33         5471326         1995-11-28         Hall, et al.           34         5453338         1995-09-26         Suga, et al.           35         5384067         1995-01-24         Doane, et al.           36         5366462         1994-11-22         Kaster, et al.           37         5363228         1994-11-08         DeJule, et al.           39         5354498         1994-10-18         Jubb, et al.           39         5354498         1994-07-19         Wilk           40         5330486         1994-07-19         Ando, et al.           41         5330264         1994-07-19         Ando, et al.           42         5328800         1994-07-12         Yokoya, et al.           43         5323251         1994-05-17         Saburi, et al.           44         5313317         1994-05-17 <td></td> <td>26 ·</td> <td>5641426</td> <td>1997-06-24</td> <td>Nerad, et al.</td>		26 ·	5641426	1997-06-24	Nerad, et al.
29         5544268         1996-08-06         Bischel, et.al.           30         5529861         1996-06-25         Redfield           31         5499118         1996-03-12         Wreede, et al.           32         5488681         1996-01-30         Deacon, et al.           33         5471326         1995-11-28         Hall, et al.           34         5453338         1995-09-26         Suga, et al.           35         5384067         1995-01-24         Doane, et al.           36         5366462         1994-11-22         Kaster, et al.           37         5363228         1994-11-08         DeJule, et al.           39         5354498         1994-10-18         Jubb, et al.           39         5354498         1994-07-19         Wilk           40         5330486         1994-07-19         Ando, et al.           41         5330264         1994-07-19         Yokoya, et al.           42         5328800         1994-07-12         Yokoya, et al.           43         5323251         1994-06-21         Coates, et al.           44         5313317         1994-05-17         Saburi, et al.           45         5303322         1994-04-12		27	5593615	1997-01-14	Nerad, et al.
30 5529861 1996-06-25 Redfield 31 5499118 1996-03-12 Wreede, et al. 32 5488681 1996-01-30 Deacon, et al. 33 5471326 1995-11-28 Hall, et al. 34 5453338 1995-09-26 Suga, et al. 35 5384067 1995-01-24 Doane, et al. 36 5366462 1994-11-22 Kaster, et al. 37 5363228 1994-11-08 DeJule, et al. 38 5356557 1994-10-18 Jubb, et al. 39 5354498 1994-10-11 Akashi, et al. 39 5330486 1994-07-19 Wilk 39 5328800 1994-07-19 Yokoya, et al. 41 5330264 1994-07-12 Yokoya, et al. 42 5328800 1994-07-12 Coates, et al. 43 5313317 1994-06-21 Coates, et al. 44 5313317 1994-05-17 Saburi, et al. 45 5303322 1994-04-12 Winston, et al.		28	5547786	1996-08-20	Brandstetter, et al.
31 5499118 1996-03-12 Wreede, et al.  32 5488681 1996-01-30 Deacon, et al.  33 5471326 1995-11-28 Hall, et al.  34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-22 Kaster, et al.  37 5363228 1994-11-08 DeJule, et al.  38 5356557 1994-10-18 Jubb, et al.  39 5354498 1994-10-11 Akashi, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Ando, et al.  42 5328800 1994-07-12 Yokoya, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.  45 5303322 1994-04-12 Winston, et al.  46 5299289 1994-03-29 Omae, et al.		29	5544268	1996-08-06	Bischel, et al.
32 5488681 1996-01-30 Deacon, et al.  33 5471326 1995-11-28 Hall, et al.  34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-22 Kaster, et al.  37 5363228 1994-11-08 DeJule, et al.  38 5356557 1994-10-18 Jubb, et al.  39 5354498 1994-10-11 Akashi, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Wilk  42 5328800 1994-07-12 Yokoya, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.  45 5303322 1994-04-12 Winston, et al.  46 5299289 1994-03-29 Omae, et al.		30	5529861	1996-06-25	Redfield
33       5471326       1995-11-28       Hall, et al.         34       5453338       1995-09-26       Suga, et al.         35       5384067       1995-01-24       Doane, et al.         36       5366462       1994-11-22       Kaster, et al.         37       5363228       1994-11-08       DeJule, et al.         38       5356557       1994-10-18       Jubb, et al.         39       5354498       1994-10-11       Akashi, et al.         40       5330486       1994-07-19       Wilk         41       5330264       1994-07-19       Ando, et al.         42       5328800       1994-07-12       Yokoya, et al.         43       5323251       1994-06-21       Coates, et al.         44       5313317       1994-05-17       Saburi, et al.         45       5303322       1994-04-12       Winston, et al.         46       5299289       1994-03-29       Omae, et al.		31 .	5499118	1996-03-12	Wreede, et al.
34 5453338 1995-09-26 Suga, et al.  35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-22 Kaster, et al.  37 5363228 1994-11-08 DeJule, et al.  38 5356557 1994-10-18 Jubb, et al.  39 5354498 1994-10-11 Akashi, et al  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Ando, et al.  42 5328800 1994-07-12 Yokoya, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-06-21 Winston, et al.  45 5303322 1994-04-12 Winston, et al.  46 5299289 1994-03-29 Omae, et al.		32	5488681	1996-01-30	Deacon, et al.
35 5384067 1995-01-24 Doane, et al.  36 5366462 1994-11-22 Kaster, et al.  37 5363228 1994-11-08 DeJule, et al.  38 5356557 1994-10-18 Jubb, et al.  39 5354498 1994-10-11 Akashi, et al  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Ando, et al.  42 5328800 1994-07-12 Yokoya, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.  45 5303322 1994-04-12 Winston, et al.  46 5299289 1994-03-29 Omae, et al.		33	5471326	1995-11-28	Hall, et al.
36 5366462 1994-11-22 Kaster, et al.  37 5363228 1994-11-08 DeJule, et al.  38 5356557 1994-10-18 Jubb, et al.  39 5354498 1994-10-11 Akashi, et al.  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Ando, et al.  42 5328800 1994-07-12 Yokoya, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.  45 5303322 1994-04-12 Winston, et al.  46 5299289 1994-03-29 Omae, et al.		34	5453338	1995-09-26	Suga, et al.
37 5363228 1994-11-08 DeJule, et al.  38 5356557 1994-10-18 Jubb, et al.  39 5354498 1994-10-11 Akashi, et al  40 5330486 1994-07-19 Wilk  41 5330264 1994-07-19 Ando, et al.  42 5328800 1994-07-12 Yokoya, et al.  43 5323251 1994-06-21 Coates, et al.  44 5313317 1994-05-17 Saburi, et al.  45 5303322 1994-04-12 Winston, et al.  46 5299289 1994-03-29 Omae, et al.		35	5384067	1995-01-24	Doane, et al.
38   5356557   1994-10-18   Jubb, et al.     39   5354498   1994-10-11   Akashi, et al.     40   5330486   1994-07-19   Wilk     41   5330264   1994-07-19   Ando, et al.     42   5328800   1994-07-12   Yokoya, et al.     43   5323251   1994-06-21   Coates, et al.     44   5313317   1994-05-17   Saburi, et al.     45   5303322   1994-04-12   Winston, et al.     46   5299289   1994-03-29   Omae, et al.		36	5366462	1994-11-22	Kaster, et al.
39 5354498 1994-10-11 Akashi, et al 40 5330486 1994-07-19 Wilk 41 5330264 1994-07-19 Ando, et al. 42 5328800 1994-07-12 Yokoya, et al. 43 5323251 1994-06-21 Coates, et al. 44 5313317 1994-05-17 Saburi, et al. 45 5303322 1994-04-12 Winston, et al. 46 5299289 1994-03-29 Omae, et al.		37 ·	5363228	1994-11-08	DeJule, et al.
40       5330486       1994-07-19       Wilk         1       41       5330264       1994-07-19       Ando, et al.         42       5328800       1994-07-12       Yokoya, et al.         43       5323251       1994-06-21       Coates, et al.         44       5313317       1994-05-17       Saburi, et al.         45       5303322       1994-04-12       Winston, et al.         46       5299289       1994-03-29       Omae, et al.		38	5356557	1994-10-18	Jubb, et al.
41       5330264       1994-07-19       Ando, et al.         42       5328800       1994-07-12       Yokoya, et al.         43       5323251       1994-06-21       Coates, et al.         44       5313317       1994-05-17       Saburi, et al.         45       5303322       1994-04-12       Winston, et al.         46       5299289       1994-03-29       Omae, et al.		39	5354498	1994-10-11	Akashi, et al
42       5328800       1994-07-12       Yokoya, et al.         43       5323251       1994-06-21       Coates, et al.         44       5313317       1994-05-17       Saburi, et al.         45       5303322       1994-04-12       Winston, et al.         46       5299289       1994-03-29       Omae, et al.	Z	40	5330486	1994-07-19	Wilk
43       5323251       1994-06-21       Coates, et al.         44       5313317       1994-05-17       Saburi, et al.         45       5303322       1994-04-12       Winston, et al.         46       5299289       1994-03-29       Omae, et al.	NE	41	5330264	1994-07-19	Ando, et al.
44       5313317       1994-05-17       Saburi, et al.         45       5303322       1994-04-12       Winston, et al.         46       5299289       1994-03-29       Omae, et al.	ZE	42	5328800	1994-07-12	Yokoya, et al.
45 5303322 1994-04-12 Winston, et al. 46 5299289 1994-03-29 Omae, et al.	ME	43	5323251	1994-06-21	Coates, et al.
46 5299289 1994-03-29 Omae, et al.		44	5313317	1994-05-17	Saburi, et al.
		45	5303322	1994-04-12	Winston, et al.
47 5291317 1994-03-01 Newswanger		46	5299289	1994-03-29	Omae, et al.
10201011 1004-00-01 Rewswallgel		47	5291317	1994-03-01	Newswanger
					·

359	52
349	86
359	25
349	15
430	2
385	24
430	1
252	299.01
252	299.01
349	74
359	41
359	. <u>11 (- )</u>
349	169
359	12
252	299.01
252	299.01:
430	1
385	: 4
430	. 1
359	12
1385	37
359	15
430	1
252	299.01
505	153
359	117
252	299.01
252	299.01
606	139
359	12
430	203
359	51
359	13
385	146
359	95
359	15

48	5272550	1993-12-21	Dickson, et	al.	359	_ з	
49	5270843	1993-12-14	Wang		359	52	
50	5376095	1994-12-27	Ortiz		505	143	
Signature							
	<u> Examine</u>	yr Name		Da	te		
KA,	Loud			12/21/0	5		